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Fujitsu recommends Windows 7.

# Data Sheet

## Fujitsu ESPRIMO C5731 E-Star5 Desktop PC

The ultra small professional PC

The ESPRIMO C Ultra small form factor PC: Enjoy maximum desktop performance and benefit from the compact design for those offices with limited space. Comfortable working - ergonomic, quiet and reliable. The sophisticated design of the ESPRIMO C provides simple and secure administration and, as a result of our made4you concept, can be easily adapted to specific customer requirements. Environmental compatibility was considered and optimized as early as the product development phase, which is why the ESPRIMO C today already meets the environmental protection requirements of tomorrow, for example ENERGY STAR®.

### Compact design

Fully fledged PC for office environments that requires a minimum of space and can be installed both in a horizontal and vertical position.

- Ultra small form factor PC, power supply, legacy interfaces and powered serial ports integrated with a volume of only 6.9 liters

### Compact but expandable

Optimal expandability despite low volume.

- Up to 500 GB hard drive and PCI Low Profile Slot

### Energy saving

Reduced power costs and consumption without any loss in performance.

- Energy-saving processor technology and 87% efficiency power supply

### Family Concept

Reduced test and evaluation costs for the existing PC infrastructure.

- Uniform technology platform and bitimage for the 5730 and 5731 series from Fujitsu



# Components

<b>Processor</b>	Intel® Core™2 Duo processor E8600 (2 Cores / 2 Threads, 3.33 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo processor E8500 (2 Cores / 2 Threads, 3.16 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo processor E8400 (2 Cores / 2 Threads, 3.0 GHz, 6 MB, 1333 MHz) Intel® Core™2 Duo processor E7600 (2 Cores / 2 Threads, 3.06 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo processor E7500 (2 Cores / 2 Threads, 2.93 GHz, 3 MB, 1066 MHz) Intel® Pentium® processor E6600 (2 Cores / 2 Threads, 3.06 GHz, 2 MB, 1066 MHz) Intel® Pentium® processor E5800 (2 Cores / 2 Threads, 3.2 GHz, 2 MB, 800 MHz) Intel® Celeron® processor E3400 (2 Cores / 2 Threads, 2.6 GHz, 1 MB, 800 MHz)
<b>Operating system</b>	Genuine Windows® 7 Home Basic (EM) 32-bit Genuine Windows® 7 Home Premium 64-bit Genuine Windows® 7 Professional 32-bit Genuine Windows® 7 Professional 64-bit
<b>Operating system compatible</b>	openSUSE Linux Genuine Windows Vista® Genuine Windows® XP
<b>Operating system notes</b>	Buy Microsoft® Office 2010 to use the full-featured Office software on this PC. Limited Windows XP support. Microsoft discontinued Windows XP certification on system level.
<b>Memory modules</b>	1 GB (1 module(s) 1 GB) DDR3, unbuffered, non-ECC, 1066 MHz, PC3-8500, DIMM 2 GB (1 module(s) 2 GB) DDR3, unbuffered, non-ECC, 1066 MHz, PC3-8500, DIMM 4 GB (1 module(s) 4 GB) DDR3, unbuffered, non-ECC, 1066 MHz, PC3-8500, DIMM
<b>Hard disk drives (internal)</b>	SSD SATA, 128 GB, 2.5-inch SATA III, 7200 rpm, 500 GB, 3.5-inch, business critical SATA II, 7200 rpm, 1000 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 500 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 320 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 250 GB, 3.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 160 GB, 2.5-inch, S.M.A.R.T. SATA II, 7200 rpm, 160 GB, 2.5-inch CF module IDE, 2 GB, (300x)
<b>Hard disk notes</b>	Supporting NCQ and 3 GBit CF Modules for thin client usage (with or without embedded software)
<b>Drives (optional)</b>	DVD Super Multi DVD Super Multi Slot-in slim
<b>Interface add on cards/components (optional)</b>	Parallel Interface eSATA Interface Dual serial card PCI LP
<b>Base unit</b>	ESPRIMO C5731 E-Star5
<b>Mainboard</b>	
<b>Mainboard type</b>	D3004
<b>Formfactor</b>	proprietary
<b>Chipset</b>	Intel® Q43
<b>Processor socket</b>	LGA 775
<b>Processor quantity maximum</b>	1
<b>System bus (FSB / HT / QPI)</b>	up to 1333 MHz

**Mainboard**

Memory slots	4 DIMM (DDR3)
Supported capacity RAM (max.)	16 GB
Memory frequency	1066 MHz
Memory notes	Dual channel support. For dual channel performance, identical memory modules in each channel are necessary (minimum 2 modules).
LAN	10/100/1000 MBit/s Intel® 82567 LF
BIOS version	Phoenix 6.0
BIOS features	Recovery BIOS BIOS based on Phoenix SecureCore
Audio codec	Realtek ALC663
Audio features	Internal speaker supports audio playback, High Definition audio

**I/O controller on board**

Serial ATA total	3
thereof eSATA	1 (optional)
Controller functions	Serial ATA II NCQ and 3 GBit AHCI

**Interfaces**

Audio: line-in	1
Audio: line-out	1
Front audio: microphone	1
Front audio: headphone	1
USB 2.0 total	10
USB front	3
USB rear	6
USB internal	1
VGA	1
DVI	1 (DVI-D)
Serial (RS-232)	2 (powered, 9pin, 16 byte FIFO, 16550 compatible)
Mouse / Keyboard (PS/2)	2
Ethernet (RJ-45)	1
Parallel	1 (optional) (25pin with EPP and ECP)
Interface Module notes	Anytime USB charge functionality

**Input device / components**

	Optical USB tilt wheel mouse
Input devices (optional)	Optical USB/PS2 tilt wheel mouse

**Drive bays**

Drive bays total	2
3.5-inch internal bays	1
5.25-inch external bays	1
Drive bay notes	slim optical disc drive

**Slots**

PCI (32-bit / 33 MHz)	1 x (174 mm) Low profile
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**Graphics on board**

Graphics brand name	Intel® GMA 4500
Shared video memory	up to 1759 MB
Refresh rate 1024 x 768 (recommended / max.)	85 Hz / -
Refresh rate 1280 x 1024 (recommended / max.)	85 Hz / -

**Graphics on board**

Refresh rate 1600 x 1200 (recommended / max.)	85 Hz / -
TFT resolution (VGA)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
TFT resolution (DVI)	1360 x 768 pixel 1440 x 900 pixel 1600 x 900 pixel 1680 x 1050 pixel 1920 x 1080 pixel 1920 x 1200 pixel
Graphics features	Dual display support DirectX 10.1 HDCP support OpenGL® 2.0
Graphics notes	Tested resolutions, depending on display type additional resolutions and frequencies possible Shared memory depending on main memory size Resolution (color depth up to 32 Bit/pixel) For TFT we recommend using 60Hz

**Electrical values**

Power efficiency note	power supply efficiency (at 230V; 20% / 50% / 100% load) : 82% / 87% / 87%
Rated voltage range	100 V - 240 V
Rated frequency range	50 Hz - 60 Hz
Operating voltage range	90 V - 264 V
Operating line frequency range	47 Hz - 63 Hz
Max. output of single power supply	218 W
Power factor correction/active power	active
Monitor outlet	No

**Power consumption**

Power consumption note	See white paper Energy Consumption
Link to Energy White Paper	<a href="http://docs.ts.fujitsu.com/dl.aspx?id=ea8cb498-f757-4d7b-8262-28583cd9e1b1">http://docs.ts.fujitsu.com/dl.aspx?id=ea8cb498-f757-4d7b-8262-28583cd9e1b1</a>

**Heat dissipation**

Heat dissipation notes	See white paper Energy Consumption
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**Noise for standard configuration (HDD, ODD, FDD)**

Noise emission	According to ISO9296
Noise Operation mode 1: ODD load (Blue angel requirement)	4.5 B / 31 dB(A)
Noise Operation mode 2: HDD load (Blue angel requirement)	3.9 B / 24 dB(A)
Noise Operation mode 3: CPU 90% load (Blue angel requirement)	4.0 B / 25 dB(A)
Noise Operation mode 4: High load	4.0 B / 25 dB(A)
Noise Operation mode 5: Office applications	3.9 B / 23 dB(A)
Idle mode (Blue Angel requirement)	3.7 B / 22 dB(A)
Noise notes / description	A weighted sound power level L <sub>wad</sub> (in B) / workplace related A-weighted sound pressure level L <sub>pAm</sub> (in dB(A)), Bystander position

**Dimensions / Weight / Environmental**

Dimensions (W x D x H)	264 x 299 x 88 mm
Operating position	Vertical / horizontal (no feet needed)

**Dimensions / Weight / Environmental**

<b>Weight</b>	approx. 9 kg
<b>Weight notes</b>	Actual weight may vary depending on configuration
<b>Operating ambient temperature</b>	10 - 35C

**Compliance**

<b>Product</b>	ESPRIMO C5731
<b>Model</b>	USD-D3004
<b>Germany</b>	Blauer Engel / Blue Angel GS optional
<b>Europe</b>	CE Nordic Swan EN 60601-1-2
<b>USA/Canada</b>	FCC Class B CSA
<b>Global</b>	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® EPEAT® Silver (dedicated regions)
<b>Compliance link</b>	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

**Additional Software**

<b>Additional software (preinstalled)</b>	Nero Essentials S (burning software)
<b>Additional software (optional)</b>	Recovery DVD for Windows® Drivers & Utilities DVD (DUDVD) Nero 9 Essentials XL

**Compatibility (references)**

DMI 2.0  
PC 2001  
WMI 1.5  
USB 2.0  
SMBIOS

**Manageability**

<b>Manageability technology</b>	DeskUpdate Driver management PXE 2.1 Boot code Wake up from S5 (off mode) Intrusion switch (optional) Intel® Standard Manageability
<b>Manageability software</b>	DeskView 10.x client management including:
<b>DeskView components</b>	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Advanced alerts (ASF implementation) Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
<b>Manageability link</b>	<a href="http://ts.fujitsu.com/manageability">http://ts.fujitsu.com/manageability</a> <a href="http://www.altiris.com/fujitsu">http://www.altiris.com/fujitsu</a>

**Security**

<b>System protection</b>	Kensington Lock support Eye for padlock Optional: Integrated cabinet lock
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**Security**

<b>Audit proof protection</b>	Boot sector virus protection Write protect option for the Flash EPROM Embedded security (TPM 1.2) Control of all USB interfaces External USB ports can be disabled separately Boot protection for floppy disk / CD drive and write protection for floppy disk drive Control of external interfaces
<b>Access protection</b>	User and supervisor BIOS password SystemLock 2 BIOS SmartCard Security Hard disk password Optional: Access protection via external SmartCard reader Optional: Access protection via internal SmartCard reader

**Serviceability**

EasyFix  
EasyChange for HDD

**Packaging information**

<b>Packaging dimension</b>	398x300x520 mm
<b>Max. quantity / pallet</b>	32
<b>Material - Weight (g) Carton</b>	880 g
<b>Material - Weight (g) EPS / PS</b>	250 g
<b>Material - Weight (g) PE</b>	appr. 60 g
<b>Packaging notes</b>	printed user documentation is bleached in chlorine free process

**Warranty**

<b>Standard Warranty</b>	1 year
<b>Service level</b>	Bring-In / On-Site Service (depending on country)
<b>Maintenance and Support Services - the perfect extension</b>	
<b>Recommended Service</b>	5x9, Response Time: Next Business Day
<b>Spare Parts availability</b>	5 years
<b>Service Weblink</b>	<a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a>

## More information

### Fujitsu platform solutions

In addition to Fujitsu ESPRIMO C5731 E-Star5, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

#### Dynamic Infrastructures

With the Fujitsu Dynamic Infrastructures approach, Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructure as-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

#### Computing Products

[www.fujitsu.com/global/services/computing/](http://www.fujitsu.com/global/services/computing/)

#### Software

[www.fujitsu.com/software/](http://www.fujitsu.com/software/)

### More information

Learn more about Fujitsu ESPRIMO C5731 E-Star5, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.  
<http://ts.fujitsu.com/ESPRIMO>

### Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



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